

CLAIMS

1. A folding box (10) having
  - a polygonal outer contour unit (12) closed in cross
  - 5 section and having outer wall elements (30.1, 30.2, 30.3, 30.4) connected via outer-contour folding lines (32),
  - a lid unit (18),
  - a base unit (20), and
  - a reclosable removal opening (80),
  - 10 which comprises
    - a bottom inner contour unit (14), regions of which are polygonal in cross section and which has bottom inner wall elements (40.1, 40.2, 40.3) connected via bottom inner-contour folding lines (42.1, 42.2) and which is
    - 15 present in a folded state in the interior of the outer contour unit (12) and is connected to the outer contour unit (12) via a connecting folding line (28),
    - a polygonal top inner contour unit (16) which is closed in cross section, has the removal opening (80) and has
    - 20 top inner wall elements (50.1, 50.2, 50.3, 50.4) connected via top inner-contour folding lines (52.1, 52.2, 52.3) and which is present in a folded state in the interior of the outer contour unit (12),
    - at least one connecting folding tab (60) which connects
    - 25 the bottom inner contour unit (14) and the top inner contour unit (16) to one another and can be folded into the interior of the folding box (10),
    - the folding or stretching of the connecting folding tab (60) permitting a relative displacement of the top inner
    - 30 contour unit (16) relative to the outer contour unit (12), the removal opening (80) being closed by the outer contour unit (12) when the top inner contour unit (16) is pushed into the outer contour unit (12), the removal opening (80) being opened in the pulled-out state of the
    - 35 top inner contour unit (16), and the outer contour unit

(12) forming a displacement guide for the top inner contour unit (16).

2. The folding box as claimed in claim 1, wherein the sum of  
5 the lengths ( $L2 + L3$ ) of the top and bottom inner contour units (14, 16) essentially corresponds to the length ( $L1$ ) of the outer contour unit (12).

3. The folding box as claimed in claim 1 or 2, wherein the  
10 outer contour unit (12) has at least one marginal recess (82) open at the top, so that a region of at least one top inner wall element (50.1) is accessible.

4. The folding box as claimed in claim 3, wherein there are  
15 two marginal recesses (82) on opposite outer wall elements (30.1, 30.3).

5. The folding box as claimed in one or more of the preceding claims, wherein an outer-contour adhesive tab (24)  
20 is attached to the outer contour unit (12) via an adhesive-tab folding line (26) and is designed as a full-surface wall element.

6. The folding box as claimed in one or more of the preceding claims, wherein the connecting folding tab (60) is  
25 attached to the bottom inner contour unit (14) via a first connecting folding line (62) and to the top inner contour unit (16) via a second connecting folding line (64), the connecting folding lines (62, 64) being arranged perpendicularly to the  
30 inner folding lines (42, 52).

7. The folding box as claimed in one or more of the preceding claims, wherein the connecting folding tab (60) has  
a centrally arranged inner folding line (66) which is arranged  
35 parallel to the connecting folding lines (62, 64).

8. The folding box as claimed in one or more of the preceding claims, wherein, on the top side, lid folding tabs (68.1, ...) forming the lid unit (18) are integrally formed on the top inner contour unit (16) via lid folding lines (69).

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9. The folding box as claimed in one or more of the preceding claims, wherein, on the underside, base folding tabs (70.1, ...) forming the base unit (20) are integrally formed on the bottom inner contour unit (14) via base folding lines (71).

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10. The folding box as claimed in one or more of the preceding claims, wherein

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- the outer contour unit (12) has a quadrilateral cross section having four outer wall elements (30.1, ...),
  - the bottom inner contour unit (14) has a U-shaped cross section having three bottom inner wall elements (40.1, ...), and
  - the top inner contour unit (16) has a quadrilateral cross section having four top inner wall elements (50.1, ...),
- the dimensions of the inner contour units (14, 16) being slightly smaller than the dimensions of the outer contour unit (12).

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25 11. The folding box as claimed in one or more of the preceding claims, wherein the width (BV) of the connecting folding tab (60) corresponds to the width (B11) of the top and bottom inner wall elements (40.1, 50.1), respectively.

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12. The folding box as claimed in claim 10 or 11, characterized in that there are two connecting folding tabs (60), which are arranged at a distance apart by the dimension of the width (B22) of an inner wall element (50.2) lying in between.

13. The folding box as claimed in one or more of the preceding claims, wherein the lid unit (18) is designed as an adhesively bonded lid unit.

- 5 14. The folding box as claimed in one or more of the preceding claims, wherein the folding box is formed from a one-piece carton blank.